

Design Vehicle Type	Symbol	Dimensions (Meters)										
		Overall			Overhang		Wheelbases					
		Height	Width		Front	Rear	WB1	WB2	S	T	WB3	WB4
Passenger car	P	1.30	2.13	5.79	0.91	1.52	3.35					
Single unit truck	SU	4.11	2.59	9.14	1.22	1.83	6.10					
Single unit bus	BUS	4.11	2.59	12.19	2.13	2.44	7.62					
Articulated bus	A-BUS	3.20	2.59	18.29	2.59	2.90	5.49		1.22a	6.10a		
School Bus	S-BUS	4.11	2.44	10.67	0.64	3.58	6.45					
Combination trucks:												
Intermediate Semitrailer	WB-12	4.11	2.59	15.24	1.22	1.83	3.96	8.23				
Large Semitrailer	WB-15	4.11	2.59	16.76	0.91	0.61	6.10	9.14				
“Double Bottom” Semitrailer – full-trailer	WB-18	4.11	2.59	19.81	0.61	0.91	2.96	6.10	1.22b	1.65b	6.37	
Interstate Semitrailer	WB-19	4.11	2.59	21.03	0.91	0.91	6.10	12.19-12.80				
Interstate Semitrailer*	WB-20	4.11	2.59	22.56	0.91	0.91	6.10	13.72-14.33				
Triple Semitrailer	WB-29	4.11	2.59	31.09	0.76	1.01	4.11	6.31	101c	1.83c	6.61	
Turnpike Double Semitrailer	WB-35	4.11	2.59	35.97	0.61	0.61	6.71	12.91	0.61d	1.83d	13.41	6.61
Recreation vehicles:												
Motor home	MH		2.44	9.14	1.22	1.83	6.10	5.49	1.52			
Car and camper trailer	P/T		2.44	14.94	0.91	3.05	3.35	4.57	1.52			
Car and boat trailer	P/B		2.44	12.80	0.91	2.44	3.35	6.40	1.83			
Motor home and boat trailer	MH/B		2.44	16.15	1.22	2.44	6.10					

*The Indiana Design Vehicle (IDV) is equivalent to the WB-20.

A = Combined dimension 7.32, split is estimated.

B = Combined dimension 2.87, split is estimated.

C = Combined dimension 2.84, split is estimated.

D = Combined dimension 2.44, split is estimated.

WB1, WB2, WB3, WB4 are effective vehicle wheelbases.

S is the distance from the rear effective axle to the hitch point.

T is the distance from the hitch point to the lead effective axle of the following unit.

DESIGN VEHICLE DIMENSIONS

Figure 40-4A